

Title (en)

METHOD FOR PRODUCING ELECTRODE MATERIAL FOR CAPACITOR, ELECTRODE FOR CAPACITOR AND CAPACITOR

Title (de)

VERFAHREN ZUM HERSTELLEN EINES ELEKTRODENMATERIALS FÜR EINEN KONDENSATOR, ELEKTRODE FÜR EINEN KONDENSATOR UND KONDENSATOR

Title (fr)

PROCÉDÉ POUR PRODUIRE UN MATÉRIAU D'ÉLECTRODE POUR CONDENSATEUR, ÉLECTRODE POUR CONDENSATEUR ET CONDENSATEUR

Publication

**EP 1930920 A4 20120328 (EN)**

Application

**EP 06810625 A 20060927**

Priority

- JP 2006319134 W 20060927
- JP 2005284008 A 20050929
- JP 2005306626 A 20051021

Abstract (en)

[origin: EP1930920A1] A capacitor electrode material having high capacitance and capable of handling large current and a manufacturing method thereof are provided. In addition, a capacitor electrode and a capacitor having high capacitance and capable of handling large current, are also provided. After dipping a carbon nanotube into an electropolymerization monomer solution to adhere the electropolymerization monomer to the carbon nanotube (adsorption step), the carbon nanotube is electropolymerized in an electrolytic solution containing no electropolymerization monomer so as to produce an electroconductive polymer-adhered carbon nanotube.

IPC 8 full level

**H01G 9/025** (2006.01); **H01G 11/36** (2013.01); **H01G 11/48** (2013.01); **H01G 11/86** (2013.01)

CPC (source: EP US)

**H01G 11/36** (2013.01 - EP US); **H01G 11/48** (2013.01 - EP US); **H01G 11/86** (2013.01 - EP US); **Y02E 60/13** (2013.01 - US); **Y02T 10/70** (2013.01 - EP US)

Citation (search report)

- [XAI] WO 03049219 A1 20030612 - TRUSTEES BOSTON COLLEGE [US], et al
- [A] US 2003077515 A1 20030424 - CHEN GEORGE ZHENG [GB], et al
- See references of WO 2007037254A1

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

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